

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	969	(361/680).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:13
L2	593	(361/725).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:13
L3	1246	(361/686).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:13
L4	1462	(312/223.1,223.2).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:13
L5	0	(312/23.2).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:14
L6	1571	(312/223.2,215,222).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 10:28
L7	933	(312/223.2).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:14
L8	726	(361/724).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:14
L9	2938	(292/116,148,156,137,302,31,120,150).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 11:23
L10	7531	(361/679-687).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:20
L11	1795	361/680	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/06/03 09:24
L12	2	((("20030142472") or ("6439785")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:24
L13	6	("20020063691"   "5810486"   "6259597"   "6301100"   "6396483").PN. OR ("6439785").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 09:24
L14	7	("5691880"   "5808861"   "5959833"   "6073187"   "6081207"   "6561668"   "6657854").PN. OR ("6876546").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 09:35

L15	36	("4084213"   "4497036"   "4870604"   "4941841"   "5091873"   "5132876"   "5144302"   "5195022"   "5237486"   "5251105"   "5295089"   "5305180"   "5325262"   "5331506"   "5331509"   "5332306"   "5335141"   "5337998"   "5426564"   "5448446"   "5453013"   "5455737"   "5455746"   "5483253"   "5510806"   "5510953"   "5537343"   "5546334"   "5572399"   "5576929"   "5604663"   "5715139"   "5738536"   "5764131"   "5808860").PN. OR ("6661650").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 09:45
L16	61	("4069497"   "4483067"   "4509096"   "4535385"   "4621304"   "4658331"   "4729061"   "4731693"   "4853828"   "4855869"   "4866571"   "4924352"   "4959900"   "4979074"   "4999740"   "5014904"   "5050040"   "5095404"   "5109320"   "5124884"   "5132875"   "5153449"   "5161092"   "5172301"   "5220487"   "5237486"   "5251096"   "5262922"   "5272599"   "5280409"   "5296739"   "5305185"   "5402311"   "5422788"   "5430617"   "5438482"   "5467251"   "5497296"   "5513070"   "5557500"   "5559675"   "5581443").PN. OR ("5784256").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 10:08
L17	22	("4497036"   "4564751"   "4654818"   "4667299"   "4680674"   "4718740"   "4751456"   "4769764"   "4788658"   "4858162"   "4881839"   "4926365"   "4941841"   "4969830"   "5196994"   "5207586"   "5242310"   "5244397"   "D276342"   "D283511").PN. OR ("5404271").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 10:22
L18	36	9 and computer	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/06/03 10:26
L19	821	6 and computer	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/06/03 10:56
L20	47	"bezel" near "keyboard"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/06/03 10:57

L21	1459	bezel same computer	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/06/03 10:57
L22	367	21 and ("laptop computer" or "portable computer")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/06/03 11:02
L23	322	(cover near keyboard) and ("portable computer" or "laptop computer")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/06/03 11:02
L24	245	9 and hook	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/06/03 11:50
L25	207	9 and push	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/06/03 11:50
L26	9	("5278730"   "5383098"   "5430617").PN. OR ("5587878").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 13:51
L27	1	("6243819").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 13:51
L28	1	("6243189").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 13:52
L29	1	("6243819").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 13:52
L30	20	("4901261"   "5021983"   "5077551"   "5175672"   "5235532"   "5303171"   "5580107"   "5630142"   "5634137"   "5987613"   "6044473").PN. OR ("6243819").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/03 13:56
L31	1	("6118653").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 13:58
L32	1468	(361/681).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 14:01
L33	598	32 and ("lock" or "latch" or "hook" or "claw")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2005/06/03 14:02

S1	925	(361/680).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:13
S2	28	("4084213"   "4497036"   "4941841"   "5091873"   "5132876"   "5144302"   "5195022"   "5237486"   "5251105"   "5305180"   "5325262"   "5331506"   "5331509"   "5332306"   "5337998"   "5426564"   "5448446"   "5455737"   "5483253"   "5510953"   "5537343"   "5546334"   "5604663").PN. OR ("5808861"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 13:59
S3	17599	"function keys"	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 13:59
S4	1372	S3 and ("laptop computer" or "portable computer")	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 14:01
S5	434	"function keys".drwd.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 14:06
S6	1	"detachable keyboard components"	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 14:07
S7	2	detachable near4 "keyboard components"	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 14:07
S8	175499	detachable with"keyboard components"	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 14:07
S9	3	detachable with "keyboard components"	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 14:07
S10	7	detachable same "keyboard components"	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 14:11
S11	581	(361/725).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:13
S12	1	("4818828").PN. OR ("5517009"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 14:40
S13	7	("5196991"   "5621618"   "5745566"   "5870282"   "5874920"   "5898774"   "6173837").PN. OR ("6400562").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 14:41

S14	39	("3971127"   "4388672"   "4399487"   "4649381"   "4680676"   "4746304"   "4788658"   "4978949"   "5030128"   "5031074"   "5036313"   "5038308"   "5068652"   "5086509"   "5090913"   "5103377"   "5136468"   "5175671"   "5182698"   "5192222"   "5199888"   "5224024"   "5237486"   "5269598"   "5283714"   "5301132"   "5324204"   "5328379"   "5331506"   "5335141"   "5336099"   "5355278"   "5373104"   "5373458"   "5455746").PN. OR ("5808860").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 14:41
S15	28	("4084213"   "4497036"   "4941841"   "5091873"   "5132876"   "5144302"   "5195022"   "5237486"   "5251105"   "5305180"   "5325262"   "5331506"   "5331509"   "5332306"   "5337998"   "5426564"   "5448446"   "5455737"   "5483253"   "5510953"   "5537343"   "5546334"   "5604663").PN. OR ("5808861"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 14:49
S16	5	("20020041269"   "20020044408"   "20040027795"   "5455746"   "5552967").PN. OR ("6826040"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 15:07
S17	1189	(361/686).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:13
S18	36	("4084213"   "4497036"   "4870604"   "4941841"   "5091873"   "5132876"   "5144302"   "5195022"   "5237486"   "5251105"   "5295089"   "5305180"   "5325262"   "5331506"   "5331509"   "5332306"   "5335141"   "5337998"   "5426564"   "5448446"   "5453013"   "5455737"   "5455746"   "5483253"   "5510806"   "5510953"   "5537343"   "5546334"   "5572399"   "5576929"   "5604663"   "5715139"   "5738536"   "5764131"   "5808860").PN. OR ("6661650").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 16:02
S19	2353	"compaq".as.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 16:02
S20	467	S19 and ("portable computer" or "laptop computer")	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 16:02

S21	370	S20 and keyboard	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 16:34
S22	39758	"laptop computer" or "portable computer"	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 16:35
S23	620	S22 and "top cover"	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 16:36
S24	2	S22 and ("top cover" near4 (removeable or detachable))	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 16:36
S25	2	S22 and ("top cover" with (removeable or detachable))	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 16:37
S26	4	S22 and ("top cover" same (removeable or detachable))	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 16:37
S27	72	S22 and ("top cover" same (removable or detachable))	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 16:57
S28	1383	(312/223.1,223.2).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:13
S29	64541	("312").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/24 17:05
S30	484	S29 and "lock mechanism"	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 17:05
S31	338	S30 and ("slide" or "sliding")	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/24 17:06
S32	2694	(312/326-329).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/25 08:02
S33	458	S32 and (latch or lock)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 08:03
S34	222	S33 and (slide or lateral or laterally)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 08:13
S35	1518	(312/223.2,215,222).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:14
S36	686	S35 and (latch or lock)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 08:13

S37	437	S36 and (slide lateral laterally)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 08:14
S38	880	(312/223.2).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:14
S39	697	(361/724).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:14
S40	224	S39 and (latching or locking)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:10
S41	12	("5051868"   "5495389"   "5701231"   "5713641"   "5774330"   "5774337"   "5781410"   "5784251"   "5995363"   "6000767"   "6111754"   "6115239").PN. OR ("6700776").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:15
S42	64547	("312").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/25 09:15
S43	12934	S42 and (latching latch locking lock)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:16
S44	6990	S43 and (sliding slide)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:15
S45	4699	S42 and (latching latch locking lock)same (sliding slide)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:16
S46	4699	S42 and ((latching latch locking lock) same (sliding slide))	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:16
S47	2487	S42 and ((latching latch locking lock)with (sliding slide))	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:16
S48	1334	S42 and ((latching latch locking lock) near4 (sliding slide))	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:33
S49	586	S48 and cover	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:23
S50	64	"computer housing cover" or "computer chassis cover"	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:25
S51	1	("5327683").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/25 09:25

S52	8	("4425014"   "4810833"   "4874110"   "5164886"   "5327683"   "5768097"   "5794164").PN. OR ("6288892").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:25
S53	6	"front cover" near4 "computer housing"	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:32
S54	82769	("292").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/25 09:32
S55	5027	S54 and ((latching latch locking lock) near4 (sliding slide))	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:33
S56	1845	S55 and cover	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:34
S57	0	"battery cover" and "latch or lock"	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:35
S58	808	"battery cover" and (latch or lock)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:45
S59	34	"battery cover" near4 (latch)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:47
S60	19	"battery cover" near4 (hook)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:50
S61	1	("6676175").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/25 09:50
S62	39	("0683557"   "1163002"   "1520038"   "1666654"   "1919076"   "2152081"   "2478434"   "2637194"   "2907196"   "3103114"   "3240039"   "3958125"   "4153178"   "4469225"   "4576307"   "4962800"   "4966020"   "5375712"   "5680782"   "5782350"   "5931291"   "5943886"   "5988376"   "6102200"   "6125668"   "6374648"   "6416090"   "6430976").PN. OR ("6676175").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:54
S63	2931	(292/116,148,156,137,302,31,120,150).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/03 09:14
S64	1276	S63 and (latch or lock or latching)	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 09:54



S65	39	("0683557"   "1163002"   "1520038"   "1666654"   "1919076"   "2152081"   "2478434"   "2637194"   "2907196"   "3103114"   "3240039"   "3958125"   "4153178"   "4469225"   "4576307"   "4962800"   "4966020"   "5375712"   "5680782"   "5782350"   "5931291"   "5943886"   "5988376"   "6102200"   "6125668"   "6374648"   "6416090"   "6430976").PN. OR ("6676175"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 10:14
S66	4	("5202197").PN. OR ("5882816"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 10:23
S67	2888	"battery cover"	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 10:23
S68	61	S67 with latch	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 10:31
S69	1	("6394300").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/25 10:38
S70	1	("5808861").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/25 10:38
S71	11	("4641370"   "4880712"   "4972508"   "5206098"   "5372395"   "5634675"   "5638839"   "5645954"   "5722705"   "5882816").PN. OR ("6394300").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 10:47
S72	18	("0686271"   "1092651"   "1142994"   "1868949"   "2682423"   "3881332"   "3999110"   "5307511"   "5337215").PN. OR ("5722705"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/25 10:51

S73	146	(("5316491") or ("5393241") or ("5404271") or ("5489773") or ("5497296") or ("5499129") or ("5504648") or ("5507661") or ("5526227") or ("5544007") or ("6172867") or ("5666261") or ("5786983") or ("5763841") or ("6206593") or ("4558527") or ("6175488") or ("4560844") or ("4398086") or ("4836489") or ("4874913") or ("4876415") or ("5007090") or ("5493805") or ("5555971") or ("5689400") or ("5735390") or ("5764476") or ("5796579") or ("5808860") or ("5833050") or ("5847924") or ("5859762") or ("6109804") or ("4626965") or ("5585779") or ("6020877") or ("6191939") or ("6404415") or ("4592505") or ("5432496") or ("5522666") or ("5570112") or ("5636746") or ("5920306") or ("5612733") or ("4816619") or ("4918632") or ("5229757") or ("5262926.pn.") or ("5304764") or ("5677827") or ("5912443") or ("6168330") or ("6212497") or ("6212497") or ("4468203") or ("5256843") or ("5455737") or ("6189792") or ("4792376") or ("4951241") or ("4987279") or ("4995748") or ("5276272") or ("5349460") or ("5383139") or ("5500982") or ("5924553") or ("5771143") or ("4333005") or ("4348152") or ("4404643") or ("4476356") or ("4514775") or ("4554753") or ("4813796") or ("4817043") or ("4826558") or ("4827113") or ("4846536") or ("4887249") or ("4903290") or ("4938548") or ("5022236") or ("5237487") or ("5398895") or ("5434398") or ("5452876") or ("5485359") or ("5544009") or ("5627450") or ("5627606") or ("5791609") or ("5811770") or ("5934775") or ("6030290") or ("6290200") or ("6458331") or ("4346445.pn.") or ("4901364") or ("4941172") or ("5426508") or ("5568907") or ("5598323") or ("5940015") or ("6027218") or ("6084570") or ("6109528") or ("6191937") or ("6331850") or ("5967483") or ("4776427") or ("4893775") or ("5027143") or ("5292099") or ("5383643") or ("5499993") or ("5585865") or ("5570267") or ("5588760") or ("5779797") or	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/26 09:42
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S74	1	("5808861").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/26 08:14
S75	0	("jp11175186").PN.	JPO	OR	OFF	2005/01/26 09:42
S76	1	("11175186").PN.	JPO	OR	OFF	2005/01/26 09:42



US005790100A

**United States Patent** [19]**Kikinis**[11] **Patent Number:** **5,790,100**[45] **Date of Patent:** **Aug. 4, 1998**[54] **BROADCAST POINTER DEVICE WITH ADD-ON SLEEVE**

4,777,329 10/1988 Mallicoat ..... 345/179

4,959,721 9/1990 Micic et al. .... 345/158

5,453,759 9/1995 Seebach ..... 345/179

[75] **Inventor:** **Dan Kikinis, Sunnyvale, Calif.**[73] **Assignee:** **Elonex L P. Holdings, Ltd., London, United Kingdom***Primary Examiner—Doom-Doom Chow**Attorney, Agent, or Firm—Donald R. Boys*[21] **Appl. No.:** **573,627**[57] **ABSTRACT**[22] **Filed:** **Dec. 18, 1995****Related U.S. Application Data**[63] **Continuation-in-part of Ser. No. 209,539, Mar. 11, 1994, abandoned.**[51] **Int. Cl.<sup>6</sup>** ..... **G09B 5/08**[52] **U.S. Cl.** ..... **345/158; 345/15; 345/156**[58] **Field of Search** ..... **345/163, 156, 345/157, 158, 168, 169, 173, 179; 178/18, 19; 341/22, 32; 361/680**[56] **References Cited****U.S. PATENT DOCUMENTS**

4,754,268 6/1988 Mori ..... 345/163

**6 Claims, 19 Drawing Sheets**

A general-purpose computer has a compartment for storing a pointer device such as a mouse or a trackball, such that the may be removed from the compartment and deployed for use. The device may be a mouse, a trackball, or other type, and may communicate with the host computer by a cable, an infra-red system, or by an inductively coupled system. In one embodiment the computer has a broadcast pointer system, and the device includes any conventional writing instrument or stylus, fitted with an echo device encapsulated in a body having an engagement element for mounting the echo device to the conventional writing instrument or stylus.

